

LISTING OF CLAIMS:

1. (previously presented) A mobile radio system comprising:

a base station control apparatus; and

first through N-th radio base stations, the base station control apparatus for controlling the first through N-th radio base stations each of which is connected to said base station control apparatus,

where N represents a positive integer which is greater than one,

said base station control apparatus transmitting first through N-th individual identifiers as first through N-th station identifiers to said first through said N-th radio base stations to allocate said first through said N-th individual identifiers to said first through said N-th radio base stations, respectively, on a start-up sequence of each of said first through said N-th radio base stations,

said base station control apparatus transmitting a transmission message signal having an n-th individual identifier as a transmission individual identifier to an n-th radio base station to carry out a link connection between said base station control apparatus and said n-th radio base station,

where n is a variable between one and N, both inclusive,

wherein said n-th radio base station comprises:

first means for comparing said transmission individual identifier with said n-th station identifier to abandon said transmission message signal when said transmission individual identifier is not coincident with said n-th station identifier;
and

second means for making said first means become a reset state when said first means continues to abandon said transmission message signal after a predetermined time duration.

2. (original) A mobile radio system as claimed in Claim 1, wherein the base station control apparatus is connected to each of said first through said N-th radio base stations by an ATM fashion.

3. (original) A mobile radio system as claimed in Claim 2, wherein said transmission individual identifier is transmitted in VPI/VCI of an ATM cell from said base station control apparatus to said n-th radio base station.

4. (original) A mobile radio system as claimed in Claim 3, wherein said base station control apparatus again carries out said start-up sequence of said n-th radio base station when said second means makes said first means become said reset state in said n-th radio base station.

5. (original) A mobile radio system as claimed in Claim 3, wherein the first means produces an error to indicate said

error when said transmission individual identifier is not coincident with said n-th station identifier.

6. (original) A mobile radio system as claimed in Claim 3, wherein said first means comprises a VPI/VCI filter for filtering said transmission message signal to obtain said transmission individual identifier from said transmission message signal, said VPI/VCI filter judging whether or not said transmission individual identifier is coincident with said n-th station identifier.

7. (previously presented) A mobile radio system, comprising:

a base station control apparatus; and

plural radio base stations connected in an ATM fashion to the base station control apparatus,

the base station control apparatus, at start-up, configured to assign an individual VPI/VCI value to each radio base station,

the base station control apparatus configured to transmit a message signal comprising a transmitted VPI/VCI value as part of the transmitted message signal to a selected base station,

each radio base station comprising a central processing unit and an ATM data reception section for filtering the transmitted message signal based on the transmitted VPI/VCI value

so that the selected base station, upon receipt of the transmitted message signal, compares the transmitted VPI/VCI value within the transmitted message signal to the individual VPI/VCI value assigned to the selected base station,

wherein, when the transmitted VPI/VCI value is coincident with the individual VPI/VCI value, the message is accepted and when the transmitted VPI/VCI value is non-coincident with the individual VPI/VCI value, the message is abandoned and an error state is indicated by the central processing unit,

after the error state continues for a predetermined time duration, the central processing unit resets the ATM data reception section to place the individual VPI/VCI value to a no-set condition.

8. (previously presented) The system of claim 7, wherein after the error state continues for a predetermined time duration and the central processing unit resets the ATM data reception section to place the individual VPI/VCI value to a no-set condition, the base station control apparatus transmits an allocation signal with the individual VPI/VCI value to the selected radio base station.

9. (previously presented) A mobile radio system, comprising:

a base station control system and plural radio base stations,

the base station including means for assigning individual station identifiers to each radio base station, and means for transmitting a message comprising a transmitted VPI/VCI value to a selected radio base station,

the selected radio base station comprising means for comparing the individual station identifier assigned to the selected radio base station with the transmitted VPI/VCI value, wherein,

when the assigned individual station identifier coincides with the transmitted VPI/VCI value, the message is accepted and when the assigned individual station identifier is different from the transmitted VPI/VCI value, the message is abandoned and an error state is initiated,

the selected base station further comprising means for resetting the individual VPI/VCI value at the selected radio base station to a no-set condition, upon the error state continuing past a predetermined time duration.

10. (previously presented) The system of claim 9, wherein,

the plural radio base stations are connected to the base station control apparatus in an ATM fashion,

the base station control apparatus, at start-up, transmits the individual VPI/VCI value to each radio base station,

each radio base station comprises a central processing unit connected to an ATM data reception section,

when the message is abandoned the error state is initiated by the central processing unit, and

the central processing unit provides the reset of the individual VPI/VCI value, upon the error state continuing past the predetermined time duration, to place the individual VPI/VCI value to the no-set condition.

11. (previously presented) The system of claim 10, wherein upon the error state continues past the predetermined time duration and the central processing unit resets the ATM data reception section to place the individual VPI/VCI value to a no-set condition, the base station control apparatus is triggered to transmit an allocation signal with the individual VPI/VCI value to the selected radio base station to change the no-set condition to the individual VPI/VCI value.